-	
7	$\leq$
3	<del>_</del>
(	J
a	)
•	
	1)
	=
۷	2
7	₹
_	_
	=
7	3
-	5
<	L
_	
č	7
7	Ď
_	צ
O	

~	0	IPE	1
PE	IAN 1	6 <b>2003</b>	ويتار
E	1000		, y
1449		AN.	

Daga	1	o.f	1
Page		. 01	

Form PTO 1449					Atty. Docket No. Serial No.				
(Rev. 2-32	2) U.S. Department of Commerce			AMC-01-005 09/910,680					
Patent and Trademark Office									
Information Disclosure Statement by Applicant			pplicant	Applicant: Schrempp et al.					
	(Use several sheets if necessary)				Filed: Jo	uly 20, 2001	Group: 2176		
	-		U	.S. Patent Documen	ts				
Init.		Document No.	Date	Name		Class	Subclass	Filing	Date
DAP	1	6,279,010 B1	08/21/2001	Anderson		707	202	.01/12/	
DAR	2	6,374,260 B1	04/16/2002	Hoffert et al.		707	104.1	02/28/	2000
DAP	3	6,453,252 B1	09/17/2002	Laroche		702	75	05/15/2000	
								<u> </u>	
								<u> </u>	
								ļ.,	
							<del>                                     </del>	<u> </u>	
							Dro-		
							RECE	VE	<b>)</b> —
					•		JAN 1	1	
-									
							Technology Co	anter 21	00
	<b></b>								
				Foreign Documents					
								Tran	slation
Init.		Document No.	Date	Country		Class	Subclass	Yes	No
								ļ	
								<u> </u>	
							·		
		<u></u>				<u> </u>		<u> </u>	<u> </u>
	_	Other Doc	uments (Includ	ing Author, Title, D	ate, Perti	nent Pages, e	tc.)		
			-			<del>-</del>			
-								_	
Examiner	D	1AIRYA A	DATEU			Date Consid	ered 10/21	lov.	
Examiner:	<i>U</i> ,								

			Atty. Docket No. AMC-01-005			Serial No. 09/910,680			
(1107.2-3	2)	Patent and Tradema			''	. 005	05/510,00		
OVPE	Polo	rmation Disclosure S	Applican	it: James B. S	chrempp et al.				
OCT 1 5 20		(Use several sheet		Filed: Ju	ily 20, 2001	Group: 2	2176		
OCT 1 5 20 MEI PRADE	\$		U	.S. Patent Documer	its				
THISRADE		Document No.	Date	Name		Class	Subclass	Filing	Date
DAP	1	3,919,479	11/11/1975	Moon et al.		179	1 SB	04/08/	/1974
DAP	2	4,230,990	10/28/1980	Lert, Jr. et al	CE	455	67	03/16/	/1979
DAP	3	4,450,531	05/22/1984	Kenyon et al.	- <del></del>	Va D	604	09/10/	/1982
DAP	4	4,677,466	06/30/1987	Lert, Jr. et al. 0	CT 1 7	27/18/2	84	07/29/	/1985
DAR	5	5,210,820	05/11/1993	Kenyon Took		305	2	05/02/	/1990
DAP	6	5,437,050	07/25/1995	Lamb et al. echno	plogy Ce	1252100	2	11/09/	/1992
DAP	7	5,581,658	12/03/1996	O'Hagan et al.		395	22	12/14/	/1993
DAP	8	6,006,256	12/21/1999	Zdepski et al.		709	217	03/11/	/1996
DAR	9	6,011,758	01/04/2000	Dockes et al.		369	30	07/01/	/1998
DAP	10	6,026,439	02/15/2000	Chowdhury et al.		709	223	10/28	/1997
DAP	11	6,118,450	09/12/2000	Proehl et al.		345	349	04/03/	/1998
VAP	12	6,192,340 B1	02/20/2001	Abecassis		704	270	10/19/	/1999
DAP	13	6,253,193 B1	06/26/2001	Ginter et al.		705	57	12/09/	/1998
DAR	14	6,253,337 B1	06/26/2001	Maloney et al.		714	38	07/19/	/1999
DAY	15	2002/0087885 A1	07/04/2002	Peled et al.		713	201	07/03/	/2001
					<u> </u>			<u> </u>	<u> </u>
				·					
				Foreign Documents	3				
						-		Tran	nslation
Init.		Document No.	Date	Country		Class	Subclass	Yes	No
					<u></u>				
		Other Doc	uments (Includ	ling Author, Title, I	Oate, Perti	nent Pages, et	ic.)		
						D			
Examiner				ピレ		Date Consid	101211		
	r: Initia	il if citation considered						gh citatio	n if
not confo	rmance	and not considered. I	nctude a copy o	t this form with the f	ext comm	unication to ap	pricant.		

		NOT TOTAL SE					Page1	of <b>1</b>	
Form PTC	New	Patent and Tradema			Atty. Do	cket No.	Serial No.		
(Rev. 2-32	2)	U.S. Department of	of Commerce		AMC-00	AMC-005		09/910,680	
		Tutont and Trecom	MK OIIIO			<del></del>		<u>.                                    </u>	
	Info	rmation Disclosure	Statement by Ap	plicant	Applica	nt: Schrempp et	al.		
		(Use several she	ets if necessary)		Filed:	uly 20, 2001	Group: 21	76	
		V	U	S. Patent Docume	ents				
Init.		Document No.	Date	Name		Class	Subclass	Filing	Date
DAR	1	4,677,455	06/30/1987	Okajima		357	38	07/01/	1986
DAP	2	4,739,398	04/19/1988	Thomas et al.	_	358	84	05/02/	1986
DAP	3	4,843,562	06/27/1989	Kenyon et al.		364	487	06/24/	1987
DAR	4	4,918,730	04/17/1990	Schulze		381	43	06/24/	1988
DAP	5	5,283,819	02/01/1994	Glick et al.		379	90	04/25/	1991
(202)	6	5,918,223	06/29/1999	Blum et al.		707	1	07/21/	1997
DAY	7	6,044,402	03/28/2000	Jacobson et al.		709	225	07/02/	1997
	ļ								
	ļ					<u> </u>	FCEI	ED	
	<u> </u>							_	
-	<u> </u>	0				<u> </u>	MAY 1 0 7	IUUZ	
	<u> </u>					Tec	hnology Ce	nter 21	r <del>00</del>
:	+			<u> </u>		,,,,		<u> </u>	
	<u></u>		<u></u>	Foreign Documen	ıts	<u></u>			
			<u></u>					Tran	slation
Init.		Document No.	Date	Country		Class	Subclass	Yes	No
								<b> </b>	↓
									<del> </del>
								ļ <u> </u>	<del>                                     </del>
							<u> </u>	L	
	_			ling Author, Title					
	8	'L. Baum et al., "A	Maximization T	echnique Occurring	g in the Stat	istical Analysis	of Probabilisti	c Functi	ons

of Markov Chains, The Annals of Mathematical Statistics., Vol. 41, No. 1 pp. 164-171, 1970 (no month)

A. P. Dempster et al. "Maximum Likelihood from Incomplete Data via the \$EM\$ Algorithm", Journal of the

Continuous Speech Recognition", IEEE Signal Processing Letters, Vol. 8. No. \* pp. 221-224, August 2001.

'J. Haitsma et al., "Robust Audio hashing for Content Identification", CBMI 2001, Second International

Workshop on Content Based Multimedia and Indexing, September 19-21, 2001, Brescia, Italy., September

Date Considered

21104

Royal Statistical Society, Series B (Methodological), Vol. 39, Issue 1, pp. 1-38, 1977 (no month).

D. Reynolds et al., "Robust Text-Independent Speaker Identification Using Gaussian Mixture Speaker Models", IEEE Transactions on Speech and Audio Processing, Vol. 3, No. 1, pp. 72-83, January 1995.

B. Pellom et al., "Fast Likelihood Computation Techniques in Nearest-Neighbor Based search for

TEL

Examiner: Initial if citation considered, whether or not citation is in conference with MPEP 609; Draw line through citation if

11

19-21, 2001.

ARAYA

DAP

Examiner

PATE	MAY 2 8 2003		:::::			Pagel	of <u>1</u>
	MARADEMAN				ocket No.	Serial No.	
Rev. 2-32				AMC-0	1-005	09/910,680	•
	Patent and Trademar		1	A 1'			
	Information Disclosure So	atement by A	pplicant	Applica	nt: James B. S	chrempp et al.	
	(Use several sheet	s if necessary)		Filed: J	uly 20, 2001	Group: 2176	
		Ü	.S. Patent Docume	nts			
nit.	Document No.	Date	Name		Class	Subclass	Filing Date
DAP	2001/0037304 A1	11/01/2001	Paiz		705	52	03/27/2001
DAP	2003/0014530 A1	01/16/2003	Bodin et al.		709	231	06/14/2001
DAP	2003/0061352 A1	03/27/2003	Bohrer et al.		709	226	09/27/2001
	[N. J.: Talk with Wil about Bohrer		Not Prior Art. Fil our filing date	ed after			
						RECE	INFD
				···		MAY 2	9 2003
						Technology	Center 2100
		<del>  - ,</del>					
-		ļ					
l	I	1	i		1	i l	

## Foreign Documents | Translation | Translati

not conformance and not considered. Include a copy of this form with the next communication to applicant.